#3/I.D.S 3/29/02 PATENT DON04 P-945

Express Mail No. EL846000043US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

: Niall R. Lynam

For

: NEAR-INFRARED REFLECTING, ULTRAVIOLET PROTECTED,

SAFETY-PROTECTED, ELECTROCHROMIC VEHICULAR GLAZING

Box Patent Application Commissioner for Patents Washington, D.C. 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR 1.51, 1.56, 1.97 and 1.98, Applicant submits herewith patents, publications or other information listed on attached Forms PTO 1449 for consideration by the Examiner in connection with examination of the present application. The below listed information was disclosed or cited of record during prosecution of the following related applications: Serial No. 09/665,614, filed September 18, 2000, which is a continuation of Serial No. 09/418,525, filed October 14, 1999, now U.S. Patent No. 6,122,093, which is a continuation of Serial No. 09/233,164, filed January 18, 1999, now issued as U.S. Patent No. 5,986,797, which is a continuation of Serial No. 08/939,854, filed September 29, 1997, now issued as U.S. Patent No. 5,864,619, which is a continuation of Serial No. 08/617,333, filed March 18, 1996, now issued as U.S. Patent No. 5,680,245, which is a continuation of Serial No. 08/617,333, filed March 18, 1996, now issued as U.S. Patent No. 5,680,245, which is a continuation of Serial No. 08/082,882, filed June 25, 1993, now issued as U.S. Patent No. 5,355,245, which is a Serial No. 07/732,572, filed July 18, 1991, now issued as U.S. Patent No. 5,239,406, which is a continuation-in-part of Serial No. 07/464,888, filed January 16, 1990, now issued as U.S. Patent No. 5,115,346, which is a

Applicant

: Niall R. Lynam

Page

: 2

continuation-in-part of Serial No. 07/155,256, filed February 12, 1988, now abandoned. A copy of each information item is of record in one of these prior related applications, except for U.S. Patent No. 6,122,093, which is enclosed.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

Under 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

PATENTS

U.S. Patents

Patent No.	<u>Patentee</u>	Issue Date
6,122,093	Lynam	09/19/00
5,986,797	Lynam	11/16/99
5,864,419	Lynam	01/26/99
5,680,245	Lynam	10/21/97
5,523,877	Lynam	06/04/96
5,355,245	Lynam	10/11/94
5,239,406	Lynam	08/24/93
5,115,346	Lynam	05/19/92
5,076,674	Lynam	12/31/91
5,073,012	Lynam	12/17/91
5,148,305	Byker	09/15/92
5,140,455	Varaprasad et al.	08/18/92
5,066,112	Lynam et al.	11/19/91
5,009,044	Baughman et al.	04/23/91
4,902,108	Byker	02/90
4,893,908	Wolf et al.	06/27/88
4,852,979	Agrawal	08/01/89
4,793,669	Perilloux	12/27/88
4,761,061	Nishiyama et al.	08/02/88
4,749,261	McLaughlin et al.	06/07/88

Applicant : Niall R. Lynam

~				2
μ	aσ	ρ	•	1
	ag	C	•	_

4,726,664	Tada et al.	02/23/88
4,676,601	Itoh et al.	06/30/87
4,671,619	Kamimori et al.	06/09/87
4,664,479	Hiroshi	05/12/87
4,657,796	Musil et al.	04/14/87
4,632,877	Watanabe et al.	12/30/86
4,609,688	Radisch et al.	09/02/86
4,601,532	Musser et al.	07/22/86
4,572,619	Reininger et al.	02/25/86
4,565,424	Huffman et al.	01/26/87
4,556,288	Sekimura	12/03/85
4,549,894	Araujo et al.	10/29/85
4,543,283	Curtze et al.	09/24/85
4,533,601	Hermann et al.	08/06/85
4,521,079	Leenhouts et al.	06/04/85
4,521,078	Baeger	06/04/85
4,505,538	Toussaint et al.	03/19/85
4,496,611	Kawakubo et al.	01/29/85
4,435,048	Kamimori et al.	03/06/84
4,408,837	Kozaki et al.	10/11/83
4,338,000	Kamimori et al.	07/06/82
4,315,053	Poth et al.	02/09/82
4,268,126	Mumford	05/19/81
4,232,080	Orain et al.	11/04/80
4,218,500	Radisch	08/19/80
4,153,526	Cherenko et al.	05/08/79
4,048,978	Plumat et al.	09/20/77
4,022,628	Deeg	05/10/77
3,933,407	Tu et al.	01/20/76
3,900,673	Mattimoe et al.	08/19/75
3,869,196	Kubota	03/04/75
3,867,175	Dornte	02/18/75
3,806,229	Schoot et al.	04/23/74
3,443,859	Rogers	05/13/69
3,280,701	Donnelly et al.	10/25/66
•	•	

Foreign Patents

Patent No.	Publication Date	Country
61-7803 61-94819	June 1986 June 1986	Japan (translation of record in prior related application) Japan (translation of record in prior related application)
58-146202 62-215247	March 1982 September 1987	Japan (translation of record in prior related application) Japan (translation of record in prior related application)

Page	: 4	
57-167009 28147	October 1982 May 1981	Japan (translation of record in prior related application) EPO
240226	October 1987	EPO
79044	May 1983	EPO (translation of record in prior related application)
2513198	September 1981	France (translation of record in prior related application)
2732727	March 1978	Germany (translation of record in prior related application)
146672A	July 1985	EPO
3324691A	January 1985	Germany (translation of record in prior related application)
2205075A	November 1988	Great Britain

Publications

Annlicant

· Niall R Lynam

<u>CRC Handbook of Chemistry and Physics</u>, CRC Press, Inc., Boca Raton, Florida, pages D-187, D-188, and C-735-745, 1980-81.

Tooley, P.V., <u>Handbook of Glass Manufacture</u>, Volume 1, Ogden Publishing Company, Copyright 1953, page 11.

"SAFLEX Polyvinyl Butyral Interlayer Laminating Guide," Monsanto Co., St. Louis, Missouri, February 1988.

"BUTACITE Polyvinyl Butyral Resin Sheeting Customer Specifications," E.I. DuPont de Nemours & Co. (Inc.), Wilmington, Delaware, October 1984.

"Smart Windows for Automobiles," SAE Technical Paper Series No. 900419; Niall R. Lynam, February 26, 1990 - March 2, 1990.

Fan, John C.C. and Bachner, Frank J. "Transparent Hear Mirrors for Solar-energy Applications," <u>Applied Optics</u>, Volume 15, No 4, April 1976, pages 1012-1017.

"Anti-Lacerative Windshields - An Overview," SAE Technical Paper Series, 840388 by N.W. Johnston, S.H. Herliczek and C.E. Ash, February 27 - March 2, 1984.

<u>Ultraviolet Radiation</u>, <u>Second Edition</u>, Lewis R. Koller, John Wiley & Sons, Inc., New York, 1965, pages 4-7.

"Chemicals and Additives," page 178, Modern Plastics Encyclopedia, 1988.

Preamble to Amendment to Motor Vehicle Safety Standard No. 205 - Glazing Materials (Docket No. 71-1; Notice 3), June 21, 1972.

Applicant

: Niall R. Lynam

Page

: 5

"Electrochromic Automotive Day/Night Mirrors," Lynam, SAE Technical Paper Series, 870636, February 23-27, 1987.

The MERCK Index, an Encyclopedia of Chemicals, Drugs and Biologicals, Tenth Edition, 1983, page 158.

"Norland Technical Data," Norland Products, Inc., New Brunswick, New Jersey.

Dymax Engineering Adhesives Products Data Sheet 478, Dymax Engineering Adhesives, Torrington, Connecticut, December 1990.

H.G. Pfaender et al., Schott Guide to Glass, Van Nostrand Reinhold Company, 1980, 1983, page 56.

Shelepin, I.V. et al. "Electrochromism of Organic Compounds - Electrochemical and Spectral Properties of a System Based on Methylviologen and 3-Ethyl-2-Benzothia-Zolone Azine," Scientific Research Institute of Intermediates and Dyes, Moscow, translated from Electrokhimiya, Volume 13, pages 32-37, January 1977.

I. Haller, "Ultraviolet Protecting Coating," IBM Technical Disclosure Bulletin, Volume 15, No. 5, October 1972, pages 1723-24, New York, U.S.A.

Respectfully submitted,

Niall R. Lynam

By: Van Dyke, Gardner, Linn & Burkhart, LLP

10BER 9, 2001

Donald S. Gardner

Registration No. 25 975

2851 Charlevoix Drive, S.E.

P.O. Box 888695

Grand Rapids, MI 49588-8695

(616) 975-5500

DSG/ram